

## PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail

**Mail Stop ISSUE FEE  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
(703) 746-4000**

or Fax

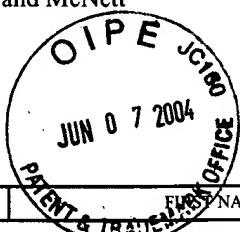
**INSTRUCTIONS:** This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 4 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Legibly mark-up with any corrections or use Block 1)

7590

03/16/2004

John M. Bradshaw  
Woodard, Emhardt, Naughton, Moriarty and McNett  
Bank One Center/Tower  
111 Monument Circle, Suite 3700  
Indianapolis, IN 46204-5137



Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

### Certificate of Mailing or Transmission

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO, on the date indicated below.

<i>John M. Bradshaw</i>	(Depositor's name)
<i>JM Brad</i>	(Signature)
<i>June 2, 2004</i>	(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/870,332	05/30/2001	Chester L. Shepard	50005-20	7709

TITLE OF INVENTION: SYSTEM AND METHOD FOR GLASS PROCESSING AND TEMPERATURE SENSING

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	<i>No Yes</i>	\$1330 <del>\$1645</del>	\$300	\$1630 <del>\$945</del>	06/16/2004
EXAMINER	ART UNIT	CLASS-SUBCLASS			

VINCENT, SEAN E

1731

065-029110

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.

"Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. Inclusion of assignee data is only appropriate when an assignment has been previously submitted to the USPTO or is being submitted under separate cover. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Battelle Memorial Institute

Richland, Washington

Please check the appropriate assignee category or categories (will not be printed on the patent):  individual  corporation or other private group entity  government

4a. The following fee(s) are enclosed:

4b. Payment of Fee(s):

Issue Fee

A check in the amount of the fee(s) is enclosed.

Publication Fee

Payment by credit card. Form PTO-2038 is attached.

Advance Order - # of Copies 14

The Director is hereby authorized to charge the required fee(s), or credit any overpayment, to Deposit Account Number 23-3030 (enclose an extra copy of this form).

Director for Patents is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above.

<p>(Authorized Signature) <i>John Bradshaw</i> (Date) <u>6/21/04</u></p> <p>NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.</p> <p>This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Alexandria, Virginia 22313-1450.</p> <p>Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.</p>	<p>06/08/2004 EFL0RES1 00000051 09870332</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td>01 FC:2501</td> <td style="text-align: right;">665.00 OP</td> </tr> <tr> <td>02 FC:1504</td> <td style="text-align: right;">300.00 OP</td> </tr> <tr> <td>03 FC:8001</td> <td style="text-align: right;">42.00 OP</td> </tr> </table>	01 FC:2501	665.00 OP	02 FC:1504	300.00 OP	03 FC:8001	42.00 OP
01 FC:2501	665.00 OP						
02 FC:1504	300.00 OP						
03 FC:8001	42.00 OP						

TRANSMIT THIS FORM WITH FEE(S)



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WEMMH/SB/17 (12/03)

Approved for use through 10/31/2002. OMB 0651-0032  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

# FEE TRANSMITTAL FOR FY 2004

Effective 01/01/2003. Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27  
Total Amount of Payment: (\$)1007.00

## Complete if Known

Application Number	<u>09/870,332</u>
Filing Date	<u>05/30/2001</u>
First Named Inventor	<u>Chester L. Shepard</u>
Group Art Unit	<u>1731</u>
Examiner Name	<u>Vincent, Sean E.</u>
Attorney Docket Number	<u>50005-20</u>

## METHOD OF PAYMENT

## FEE CALCULATION (continued)

Check  Credit card  Money Order  Other Order  None

### Deposit Account:

Deposit Account Number: 23-3030  
Deposit Account Name: Woodard, Emhardt, Moriarty,  
McNett & Henry LLP

The Commissioner is authorized to: (check all that apply)

- Charge fee(s) indicated below  Credit any overpayments  
 Charge any additional fee(s) during the pendency of this application,  
excluding the payment of issue fees  
 Charge fee(s) indicated below, except for the filing fee to the above-  
identified deposit account.

## FEE CALCULATION

### 1. BASIC FILING FEE

Large Entity Fee Code	Entity Fee (\$)	Small Entity Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
1001	770	2001	385	Utility Filing Fee	
1002	340	2002	170	Design Filing Fee	
1003	530	2003	265	Plant Filing Fee	
1004	770	2004	385	Reissue Filing Fee	
1005	160	2005	80	Provisional Filing Fee	
SUBTOTAL (1) (\$)					<u>665</u>

### 2. EXTRA CLAIM FEES

Total Claims	-20** =	Extra Claims	X	Fee From Below	=	Fee Paid
Independent Claims	-3** =		X		=	
Multiple Dependent			X		=	

Large Entity	Small Entity	Fee Description
Fee Code	Fee Code	
1202	18	Claims in excess of 20
1201	86	Independent claims in excess of 3
1203	290	Multiple dependent claim, if not paid
1204	86	**Reissue independent claims over original patent
1205	18	**Reissue claims in excess of 20 and over original patent
SUBTOTAL (2) (\$)		

### 3. ADDITIONAL FEES

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code	Fee Code		
1051	130	Surcharge – late filing fee or oath	
1052	50	Surcharge – late provisional filing fee or cover sheet	
1053	130	Non-English specification	
1812	2,520	For filing a request for ex parte reexamination	
1804	920*	Requesting publication of SIR prior to Examiner's Action	
1805	1,840*	Requesting publication of SIR after Examiner's Action	
1251	110	Extension for reply within first month	
1252	420	Extension for reply within second month	
1253	950	Extension for reply within third month	
1254	1,480	Extension for reply within fourth month	
1255	2,010	Extension for reply within fifth month	
1401	330	Notice of Appeal	
1402	330	Filing a brief in support of an appeal	
1403	290	Request for oral hearing	
1451	1,510	Petition to institute a public use proceeding	
1452	110	Petition to revive – unavoidable	
1453	1,330	Petition to revive – unintentional	
1501	1,330	Utility issue fee (or reissue)	<u>665</u>
1502	480	Design issue fee	
1503	640	Plant issue fee	
1460	130	Petitions to the Commissioner	
1807	50	Petitions related to provisional applications	
1806	180	Submission of Information Disclosure Stmt	
8021	40	Recording each patent assignment per property (times number of properties)	
1809	770	Filing a submission after final rejection (37 CFR 1.129(a))	
1810	770	For each additional invention to be examined (37 CFR 1.129(b))	
1801	770	Request for Continued Examination (RCE)	
1802	900	Request for expedited examination of a design application	
Other Fee (specify)		Publication Fee 14 patent copies	<u>300</u> <u>42</u>

\* Reduced by Basic Filing Fee Paid

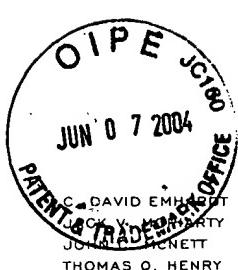
SUBTOTAL (3) (\$)1007.00

Complete if applicable

SUBMITTED BY			
Name (Print/Type)	John M. Bradshaw	Registration No. (Attorney/Agent)	46,573
Signature	<i>John M. Bradshaw</i>	Telephone	(317) 634-3456
Date	<u>June 2, 2004</u>		

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038. This collection of information is required by 37 CFR 1.136(a). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 6 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need any assistance in completing this form, call 1-800-PTO-9199 and select option 2.



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June 2, 2004

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Sir:

The enclosed PTO-2038 form authorizes the issue fee and publication fee payments in the amount and manner set forth below to be charged to American Express Card No. 378296666991011. Please charge any additional fees which may be due or credit any overpayments to deposit account No. 23-3030.

1. Issue fee due on Chester L. Shepard application, Ser. No. 870,332 entitled SYSTEM AND METHOD FOR GLASS PROCESSING AND TEMPERATURE SENSING - see attached sheet. \$ 665.00
2. Publication fee due on patent serial No. 870,332 - see attached sheet 300.00
3. Advance order of 14 copies of patent serial No. 870,332 - see attached sheet 42.00

TOTAL BALANCE TO BE PAID:

\$ 1007.00

Sincerely,

Kari K. Woehler

lds  
Enclosures

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to the Mail Stop Issue Fee, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on June 2, 2004.

John M. Bradshaw

Name of Registered Representative

Signature

June 2, 2004

Date of Signature